	Application No.	Applicant(s)
Notice of Allowability	10/623,571	FURUYA, MASATO
	Examiner	Art Unit
	Seokyun Moon	2629
The MAILING DATE of this communication appears on the cover sheet with the correspondence address All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.		
1. This communication is responsive to <u>04 December 2006</u> .		•
2. The allowed claim(s) is/are <u>1-3</u> .		
 3. Acknowledgment is made of a claim for foreign priority unally a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: 	e been received. e been received in Application No	
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		
4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.		
5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.		
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached		
1) hereto or 2) to Paper No./Mail Date		
(b) including changes required by the attached Examiner's Paper No./Mail Date	s Amendment / Comment or in the C	Office action of
Identifying indicia such as the application number (see 37 CFR 1, each sheet. Replacement sheet(s) should be labeled as such in the		
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.		
Attachment(s)	C □ Nation of Informaci □	National Ameliantian
1. Notice of References Cited (PTO-892) 2. □ Notice of Proffperson's Patent Proving Povious (PTO 948)	5. ☐ Notice of Informal P6. ☐ Interview Summary	• •
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	Paper No./Mail Dat	te
3. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 10/12/2006	7. 🛛 Examiner's Amendr	ment/Comment
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	8. Examiner's Stateme	ent of Reasons for Allowance
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EXAMINER'S AMENDMENT

- 1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
- 2. Authorization for this examiner's amendment was given in a telephone interview with the corresponding attorney on December 4, 2006.
- 3. The application has been amended as follows:

In the claim 1,

After "respective rows of the pixels" disclosed on the last line of the claim, please insert,
-- wherein the first row select pulses and the second row select pulses are supplied to the row
electrodes at different timings --.

4. The following is an examiner's statement of reasons for allowance:

Kondoh (US 2002/0158831) teaches a driving method of a liquid crystal display which comprises a selection period for determining the state of the liquid crystals and a reset period for resetting pixels to a black display state.

Shin (US 7,042,426) teaches an image display apparatus including a scanning driver which comprises a first shift register for supplying a first scanning signal and a second shift register for supplying a second scanning signal.

Yamazaki (US 5,179,371) teaches a liquid crystal display adopting a method of providing correcting voltages upon a signal voltage wave / scanning voltage wave.

Morris (US 5,132,678) teaches a row driver of a display including a first shift register and a second shift register, wherein the mode of the second shift register is determined by the output from the first shift register.

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signal at a second timing which is different from the first timing.

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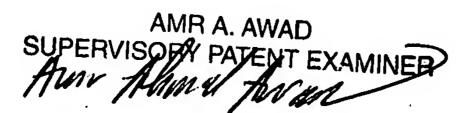
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None of the prior arts listed above teaches an active matrix LCD including a row driver comprising a first shift register and a second shift register, wherein the first shift register generates first row select pulses in response to a first scan start signal at a first timing and a second shift register generates second row select pulses in response to a second scan start

- 5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."
- 6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Seokyun Moon whose telephone number is (571) 272-5552. The examiner can normally be reached on Mon Fri (8:30 a.m. 5:00 p.m.).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Amr Awad can be reached on (571) 272-7764. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



December 4, 2006 - S.M.